

. FIG. 1

Sponsor Representative:

A Co., John Doe, Ph.D

B Co., Jane Smith C Co., David Jones

Sample test

33

1.98-005

Sponsor Company

John Doe. Ph.D

Sponsor Study No:

- Study Setup
  Clinical Study Definition

  Describes Sponsors & Investigators

  Declares Subject
  Attributes to Capture
  Associates Specific
  Lab Procedures with
  a Clinical Study
  Defines Genotype
  Results to Report

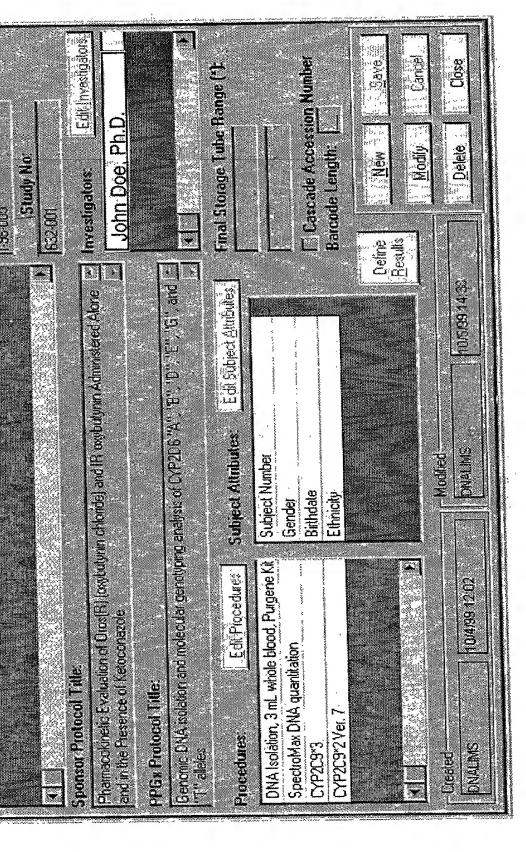


Fig. 2

### Accessioning

Clinical Sample Registration

- Provides ValidationChecks for Accession& Tube ID's
  - AccommodatesMultiple SampleTubes
- Enforces Controlled Subject Attribute Terms
  - Supports Sample
     Worklist Workflow

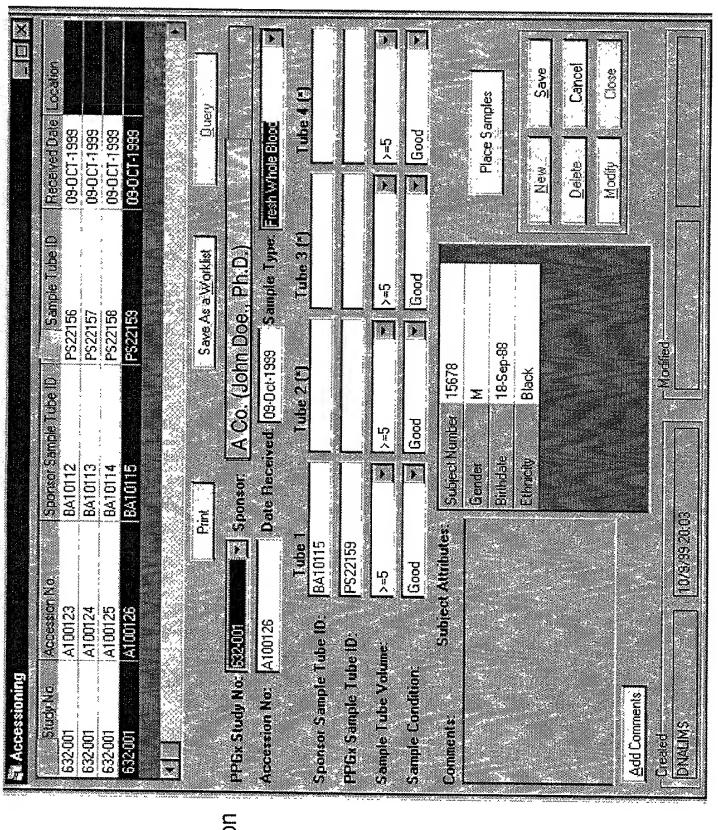


Fig. 3

## Sample Tracking

- Supports Multiple
   Container Classes
- Allows User Defined Container Geometries & Templates
- Maintains Sample & Container Location
  - Permits Flexible Sample Loading & Rearrangement
- Tracks and Maintains Container & Sample Ownership

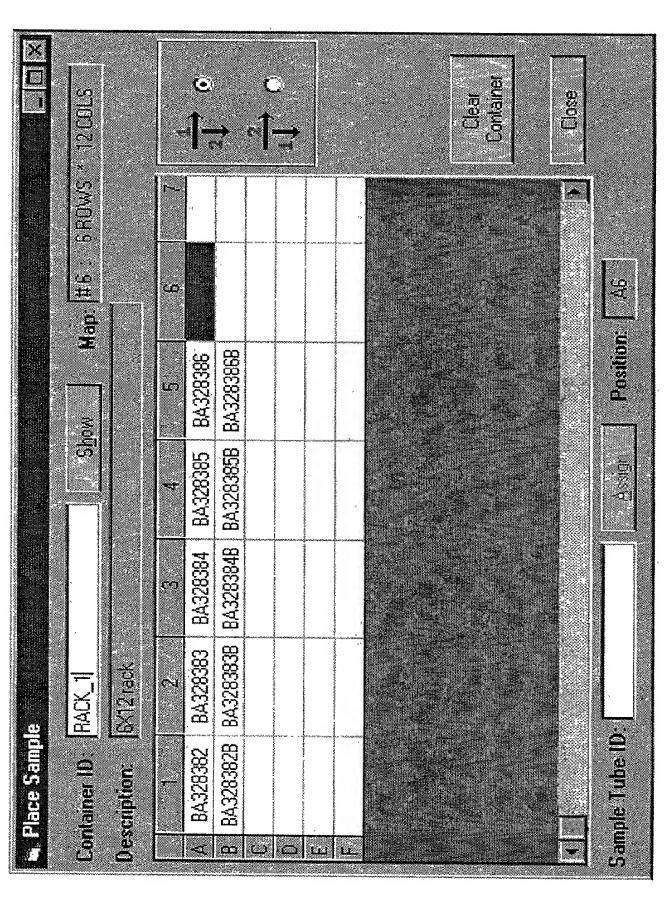


Fig. 4

# Sample Worklists

- Named Sample Collections
   Assignable to Lab Scientists
   Groups Samples for
   Common Lab Operations
   Location
   Check-in/Check-out
   Lab Procedures

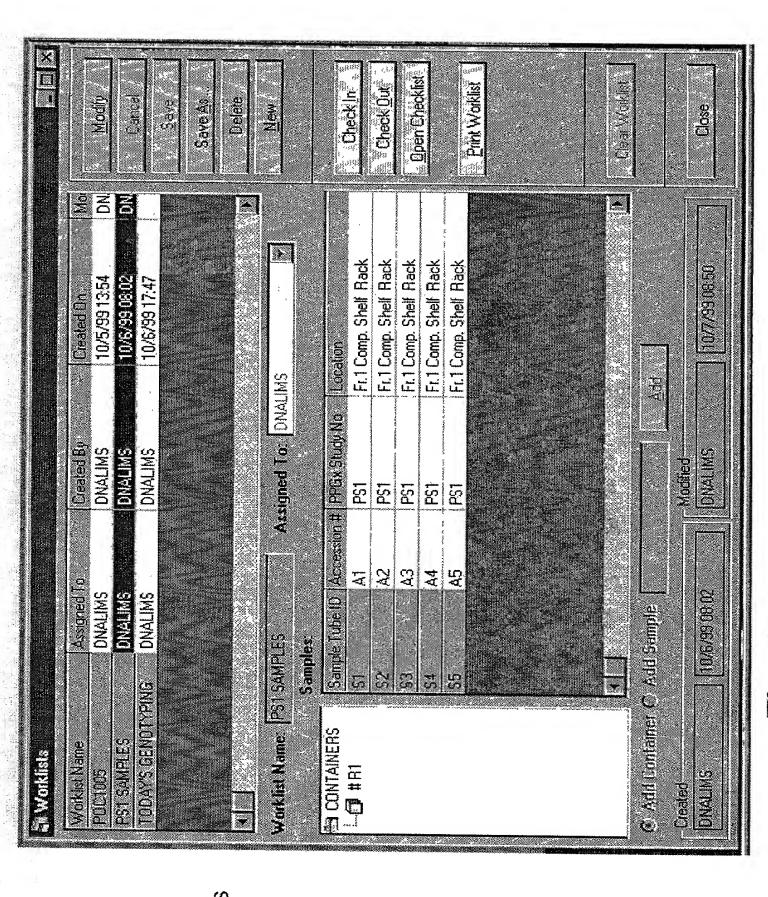


Fig. 5

#### Procedure Checklists Electronic

Automates Laboratory Process Tracking

- Supports Standard
  Operating Procedures
  Maintains Uniform
  Laboratory Processes
  Records Chain of
  Custody
  Tracks Repeat
  Operations

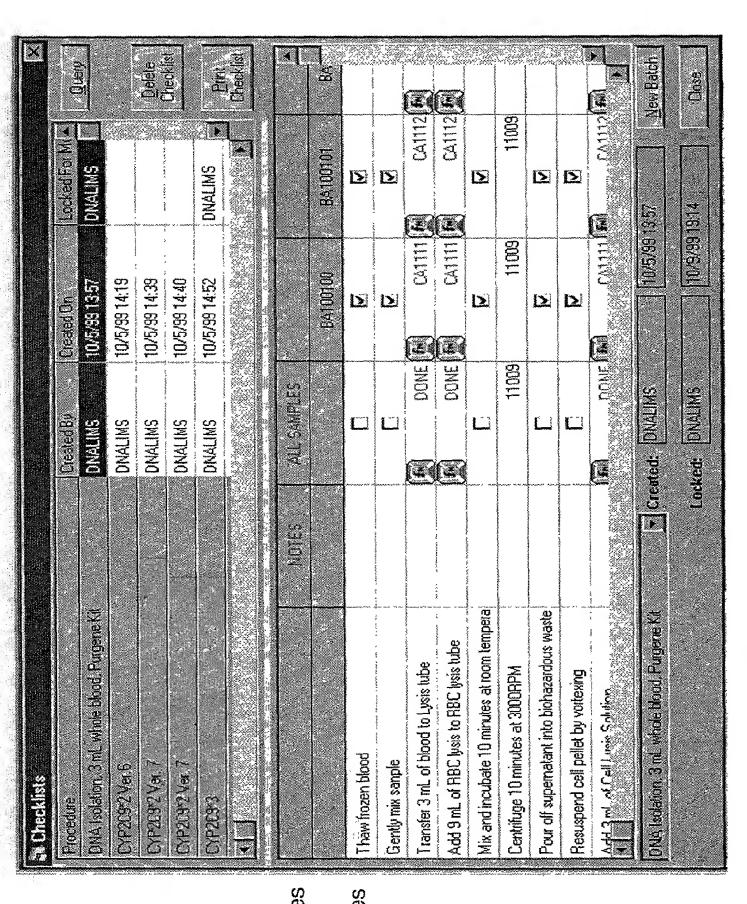


Fig. 6

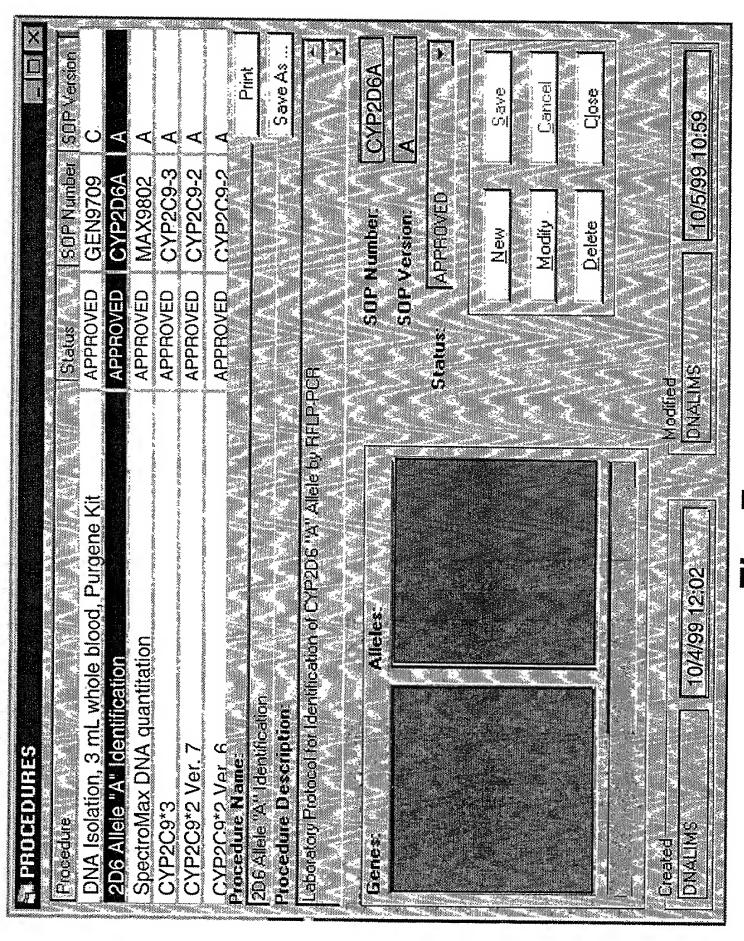


Fig. 7

Pilit

Level

Functional Type

Step Imput Type

Procedure: DNA (solation, 3 mL whole blood, Purgene Kit

Trocedure Steps

Batch

Batch Batch Balch

Reagent Addition

Functional

CheckBox

Functional

CheckBox

Transfer

Batch

Batch

Batch Batch

## ocedure Steps

Thaw Inzen blood Sently mix sample

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Batch

Reagent Addition

Functional

CheckBox

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rample carribe stored for 18 months at RT in Cell L. Informational

our off supernatary into bioliszardous waste cont. CheckBox

Resuspend cell pellet by vortexing 4dd3mL of Cell Lysis Solution

entifuge 10 minutes at 3000RFM

fix and incubate 10 minutes at room temperature. CheckBox

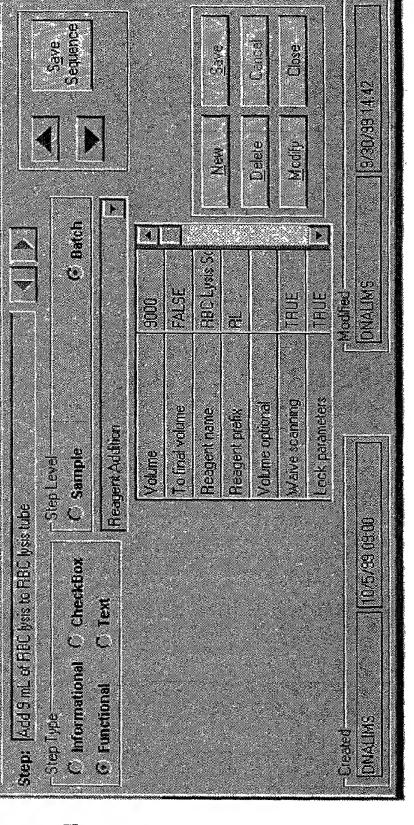
add 9 mL of RBC lysis to RBC lysis tube

ransier 3 mL of blood to Lysis tube

Batch Ratch

- A Single Step in a Lab Procedure
  Multiple Types:

   Transfer
   Dilution
   Concentration
  Adjustment
   Sample Preparation
  Highly Customizable
  Plug-in Architecture to Add
  New Types



## Genotype Results

- Accommodates Values for Multiple Genes, Alleles & Assays
  - Provides Master
     Review by Accession
     Number
- Supports Acceptance & Final Approval by Study Director

10/6/99 6:48

Entered On

Entered By DNALIMS

Exclude | Final GT

EXTENSIVE METABOLIZER

Status COMPLETE

CYP2C9

GENE

Interpretation

Genotyping | DNA Purification | Chain Of Custody

Status: OPEN

Accession No: A6

1457

LIFIL

<u>PS</u>1

Study Protocol:

Status

Study Protocol

OPEN

OPEN

Accession No.
A3
A4
A5
A5
A7
A8

PS1 PS1 PS1

OPEN OPEN OPEN

Sponsor

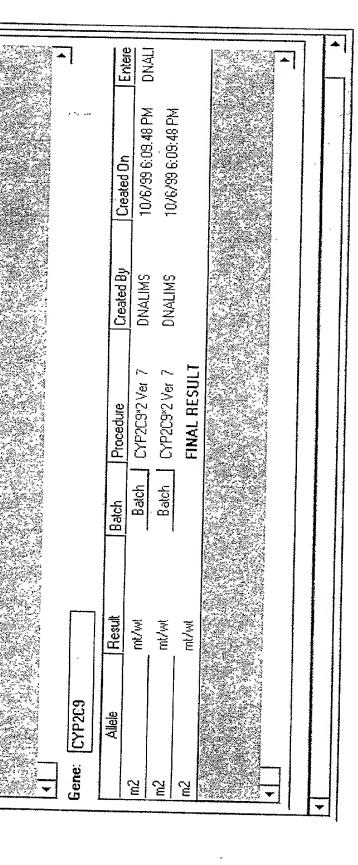
C. Co., David Jones

Investigators:

Cancel

Save

Imports Results Electronically or Manually



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### Auditing

Track Changes in Database

Study
Lab
Procedures
Sample
Results
Flexible Audit

Reporting
Chain of Custody by

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